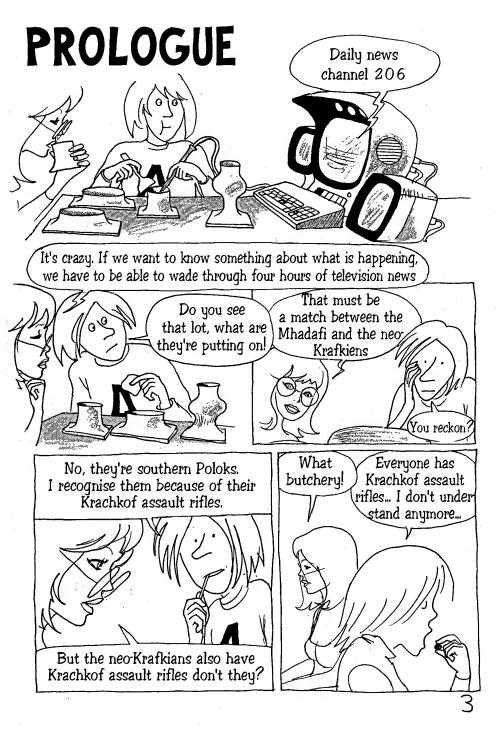
## THE LOGOTRON

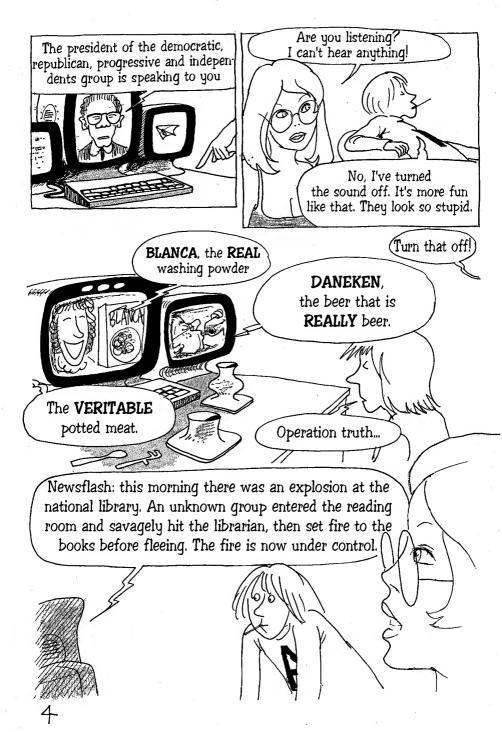
Jean-Pierre Petit



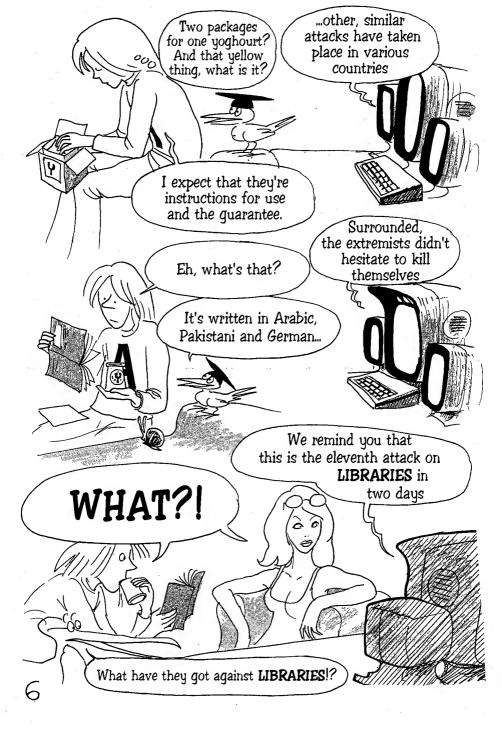
Translated by: John Murphy



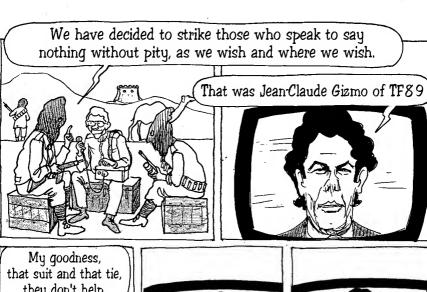








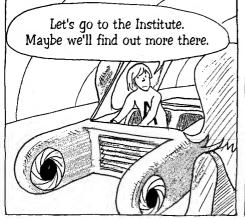


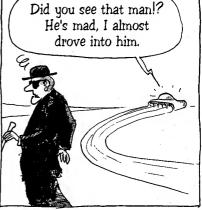






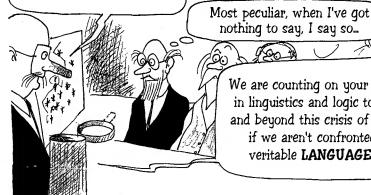








Here is a map showing where the latest attacks have taken place. As you can see, there have been many more than announced in the press. There has been no claim of reponsibility for the majority of these attacks, which seriously limits the possibilities of stopping them. We believe they have been under taken by the hardline wing of the ANARCHO-LINGUISTS, the MUTISTS, so named because they refuse all communication and act anonymously.



We are counting on your competence in linguistics and logic to see, above and beyond this crisis of civilisation, if we aren't confronted with a veritable LANGUAGE CRISIS

# RUSSELL'S PARADOX





SET THEORY is the touchstone of all languages. It's all a question of CLASSIFICATION. There is a set of things that are true and a set of things that are false. There is WHAT IS and WHAT IS NOT.

There is the EMPTY SET where we put NOTHINGNESS



As time has passed, language has been enriched with many parasitic forms. I believe that we just need to get rid of this accumulated sediment to once more find, intact, the **FOUNDATION**, still present

The basic question is **THE ABILITY TO CLASSIFY EVERYTHING** into **SETS**, the criterion being "**BELONGS TO...**" or "**DOES NOT BELONG TO...**", all the rest is just **LITERATURE** 

According to you then, laying the bases of a LANGUAGE consists of beginning with a very carefully classification of everything

#### To CATALOGUE

everything in the Universe, existing or simply possible, we could use... books?



If you like. We could even classify books in their turn by giving them an index in which they'll be cited, remembering that a work can also cite itself, figure in its own index.



Let's see, should this work cite itself?

If it does cite itself then it no longer

EXCLUSIVELY describes works that do

not cite themselves, because it cites a

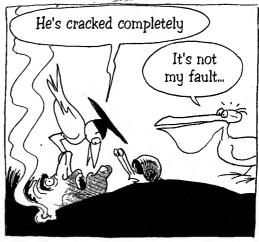
work that does cite itself, that is... ITSELF

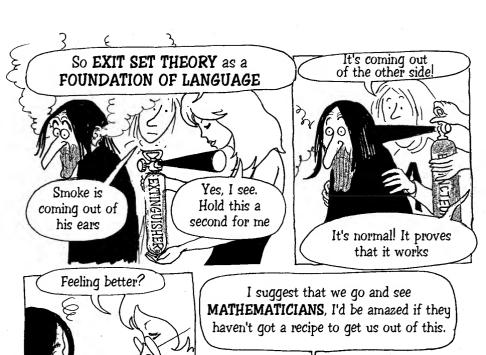
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So it shouldn't cite itself. However under those conditions, as it is supposed to cite **EVERY** work that does not cite itself, one will be omitted... **THIS WORK** 





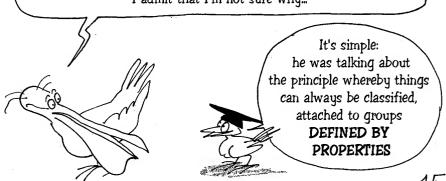




My question earlier seems to have caused a state of intense intellectual stress for this poor gentleman.

I admit that I'm not sure why...

Yes... thanks...



Here's another way to formulate this **PARADOX**. Imagine a village where men are classed into two groups according to the following **CRITERION OF BELONGING**. One contains the men who shave themselves and the other those who do not shave themselves. Imagine a barber whose job it is to shave all those men who do not shave themselves, and **EXCLUSIVELY** those



# NON-CANTORIAN SETS (\*)



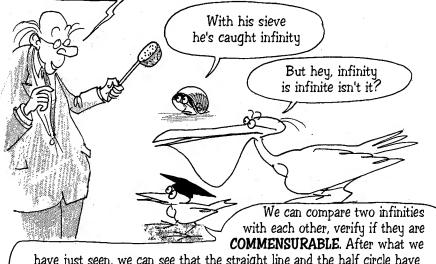
creator of set theory.

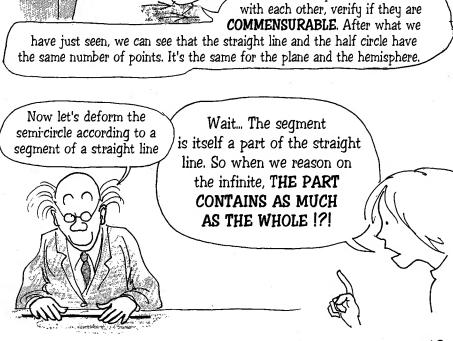
(\*\*) French mathematician (1811-1832). Killed in a duel.



Do you understand the transcendance of this discovery?

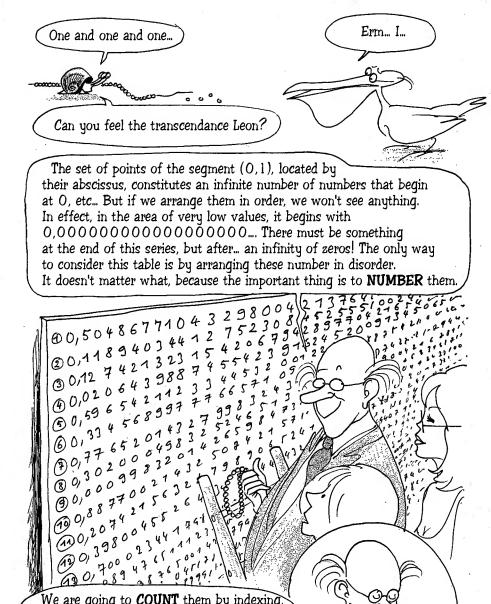
There is an infinity of points on a straight line and, equally, an infinity of points on a semicircle. But the preceding experiment shows that there are AS MANY. The same as there are as many on an infinite plane as on a hemisphere, or a disc



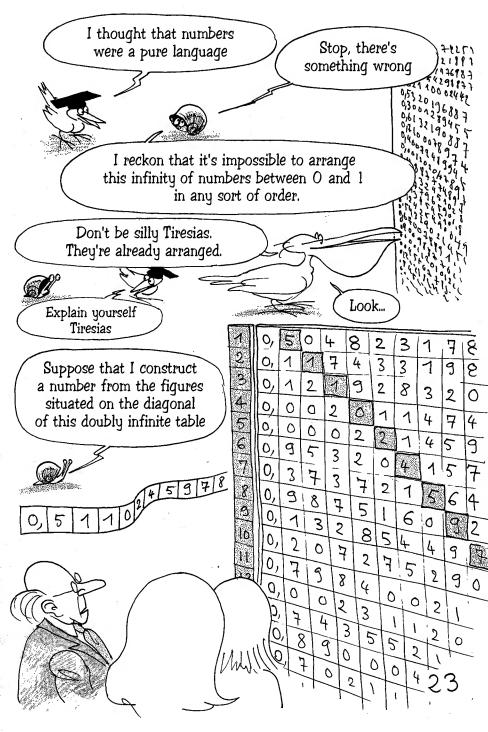


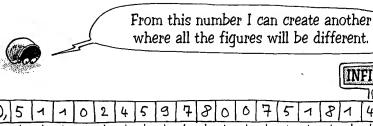






We are going to **COUNT** them by indexing, by numbering them with the help of **THE SERIES OF WHOLE NUMBERS** through which we have a hold on every thing in the the Universe

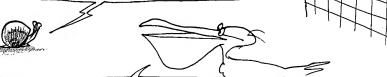




INFINITE

This number IS NOT in the table. In effect, if it were there would be an identity between one of the figures of the series and a figure of this famous diagonal, but that is impossible to get by simple construction

3/4)

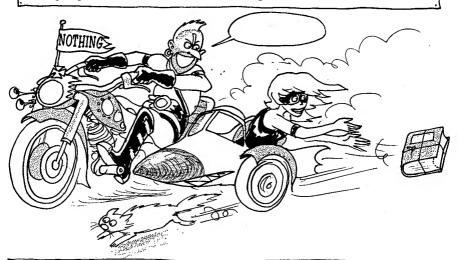


OK, you've found a number that isn't in the table, nice job. But we just need to put it into a new set, no?

> Sadly not Leon. Tiresias' generation method allows the creation of an INFINITY of numbers which aren't in the table In short, this table is a sieve...

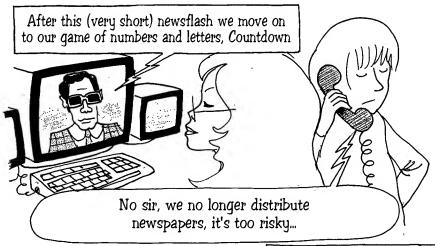


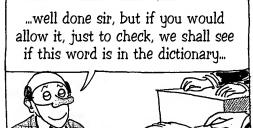
During that time the anarcholinguistic brigades continued to lay waste to the world's libraries where their booby trapped encyclopaedias caused terrible damage.

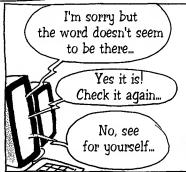


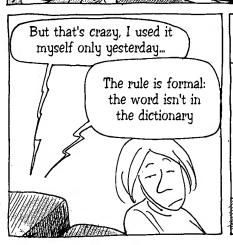
Systematic anonymity and the total absence of communication between the anarcho-linguistic groups makes their identification almost impossible, despite the traps imagined by communication advisors.

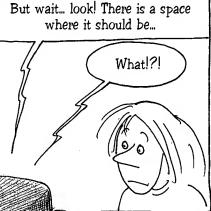










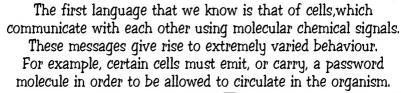


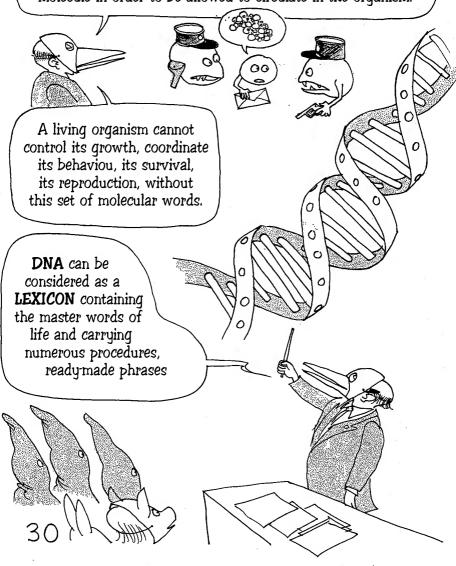


The situation in the world deteriorated. The anarcho-linguistic movement caught on and spread and, having started in the university world, it was then echoed by high school teachers, and even those in primary schools

### **NEOLOGISMS**







It has happened that we have developed a set of sound signals and graphic signs that allow us to communicate but, as social beings, we could just as well have developed the gestual communication of apes or the chemical communication of ants.



Our dialogue with the Universe is effected, and can only be effected, through an **ORGANISED SYSTEM OF BELIEFS**, in the form of religions, codified according to rites and spread through sermons; in the form of ideologies, articulated according to laws and spread by propaganda; or in the form of science, internally codified by paradigms and spread through scientific vulgarisation.

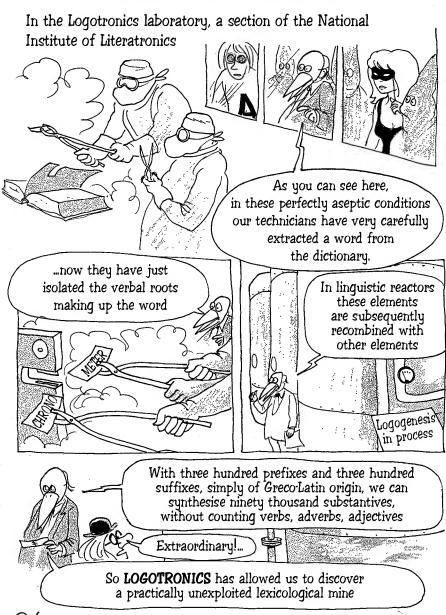


The language, and the representation system that evolves from that, is the binding agent of human society. Every perturbation affecting communication mechanisms can have very important repercussions. In biology, an alteration of DNA segments can translate into the appearance of malformations, dysfunctioning or cancer



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### THE LOGOTRON



Obviously this potential exceeds the usual needs of a language. But it isn't sufficient to just create words, they also need to have **MEANING**.



### SEMANTICS

Our specialistS in the French Academy are working without rest to give these neologisms a signification that allows them to be placed in the dictionary



But certain words, such as those made by uniting two identical roots, taken from Greek or Latin for example, cannot receive a precise meaning



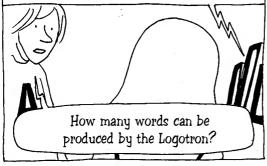
The NLI, the National Literatronics Institute, has undertaken the controlled emission of several new words, which we will now present...



Erm.. Excuse me, a piece of late news: the plans for the LOGOTRON have been stolen from the NLI by a German anarcholinguist group. This is the incredible explanation for the emission of new words by the Germans despite the repeated warnings of the ILF, the International Linguistics Foundation

Ah, it had to happen sooner or later!

LOGORRHEA, verbal inflation, threatens our neighbours across the Rhine. Normal conversations in German have become interminable. Television channels have had to suspend the weather forecast for the following day as the bulletin now exceeds twenty four hours



The German government has warned its population against words of more than sixteen letters, which should now be considered as doubtful.



Here we see a Bavarian receiving the eleven volumes of the new dictionary



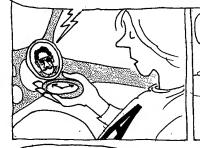
Language has its own life.

If structures with two roots are formed, in their turn they can capture a new radical and give birth to a structure with three roots, etc...



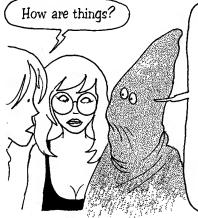
Something particular to agglutinative languages

The NLI has therefore worked night and day to give new, ready-to-use words to French, that is to say ones that have a meaning. Rumours according to which WORDS WITHOUT MEANING have been put into circulation are without foundation



They are trying to reassure public opinion

HAVE CONFIDENCE IN THE NLI, THE PRECISE WORD STILL EXISTS



Not good. In Germany they've reached sixty million words. In Munich and Dresden people are speaking French and Italian. There is a danger that the German language, despite active support from the ILF (Internation Linguistic Foundation) which has taken the courageous decision to publish its bulletin in German

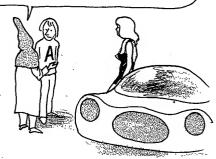
People have lost confidence.
They say that there will never be as many objects as there are words



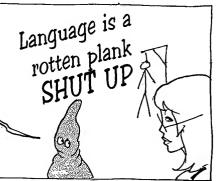
The other thesis is that objects do not exist.
Only language exists...

Two theses have appeared.

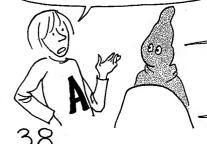
According to the first, there is no reason to worry: language CREATES objects, and a readjustement will happen sooner or later.



As for the Japanese language, it is affected by a particular form of LOGOSIS, a terrible SEMANTIC DRIFT. Words even manage to change their meaning during a conversation.



Is there no language that has escaped this planetary logosis?

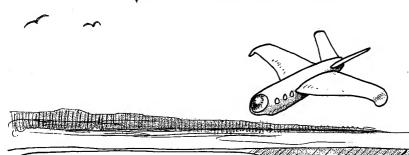


For an unexplained reason it seems that southern Finnish has, provisionally, remained more or less intact. If a speech on speech can be given, this language remains our last chance. Do you speak Finnish?

Of course

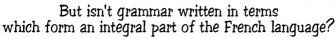
# LANGUAGE AND METALANGUAGE

Somewhere in Finland



Sophie said that for a speech on language, whatever it be, one has to dispose of a **METALANGUAGE**. French grammar, which is a set of rules of **SYNTAX**, is a metalanguage



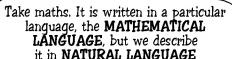


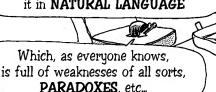
In such a case the language contains the metalanguage. But this isn't always the case: English people who learn French use a French grammar written... in English

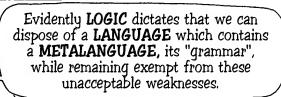




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In other words, a FORMAL LANGUAGE

But for heaven's sake, what IS a language

We could define it as a set of PROPOSITIONS

Some will be AXIOMS, others
DEMONSTRABLE PROPOSITIONS
(we can demonstrate that they are true),
other are REFUTABLE PROPOSITIONS
(we can demonstrate that they are false),
all being linked by LOGICAL articulations



It suffices to be able to dispose of such a formal language, which will then serve as a basis, as a universal language for all the others



This is exactly what we tried to prove through the language of SET THEORY and you saw what that gave

As for mathematicians...

Let's see, a formal system is composed of objects of a language. Some are AXIOMS, comparable to the DATA of a PROGRAMME. From the inherent LOGIC of this language, which is also a piece of data, we can develop reasonings, comparable to PROGRAMMES, whose outcome is new PROPOSITIONS

AXIOM A

AXIOM B

PROGRAMME
REASONING
LOGICAL SCHEMA

PROPOSITION



For a language to be consistent all that must form part of the same set, the LANGUAGE OBJECT, and any proposition extracted from this set is an AXIOM, a logical reasoning, or a DEMONSTRABLE or REFUTABLE PROPOSITION





## GÖDEL'S THEOREM

The symposium began in a very tense atmosphere, in this region of Europe provisionally spared from the wave of anarcholinguisite terrorism.



It is obviously a fair amount of work but by pooling our efforts, for example in an Institute of Axiomatics, attached to a Ministry for the retreatment of undecidable propositions, we can hope to rid our languages of undesirable objects.

And...

Alas, I'm afraid dear colleague, that this enterprise is futile



ARITHMETIC constitutes a FORMAL SYSTEM, a language composed of a certain number of elements. Whole numbers, then signs representing the various operations, the equals sign = , implication =>, negation, things such as ∃(it exists), ∀ (for everything)... Add to that the PEANO AXIOM, and that's all

Yes I know, there exists a totally axiomatic presentation of arithmetic

You also know that there exists an undecidable proposition which is formulated according to the question: is 0 equal to 1? (\*)

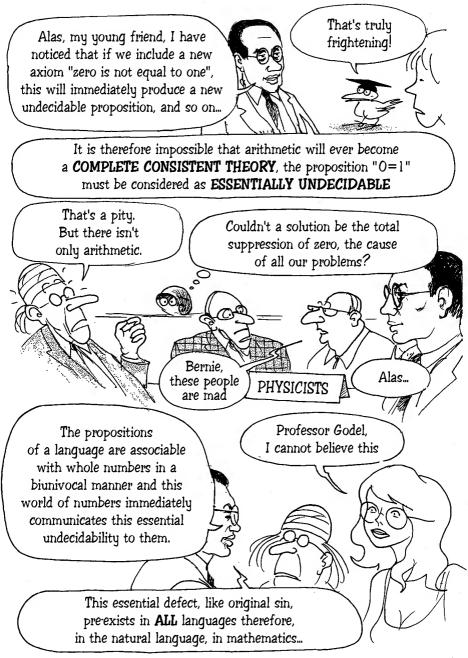


We are aware of this particularity Professor Godel, but would it not be possible to include the proposition "O=1", considered as false, as a new axiom of ARITHMETICAL THEORY?

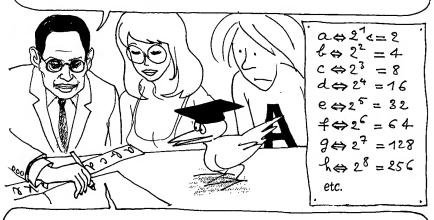
(\*) As absurd as it may appear, in this axiomatic context it is impossible to demonstrate or refute the proposition "O=1".

The Management

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Take for example the natural language constructed from signs like the letters of the alphabet and let us consider the series of **PRIME NUMBERS**, except 1: 2, 3, 5, 7, 11, 13, 17, 19, 23 etc... We will consider the letters themselves as propositions and assign a number to them. We will assign  $2^1$  to a, the first letter,  $2^2 = 4$  to b, the second letter,  $2^3 = 8$  to c, and so on



Let us now move on to a series of characters such as bare. This time we will base our coding on the series of prime numbers, beginning with 3, that is to say 3, 5, 7 etc... The number associated with the letter b being 4, with the letter a, 2 and the letter c, 8, we form the whole number n=3<sup>4</sup>5<sup>2</sup>7<sup>8</sup> which equals 11 673 722 025, already high. I say that this whole number codes perfectly the series of letters bare

Understood! This number is **DECOMPOSABLE IN A UNIQUE WAY**according to the product of whole powers
of prime numbers. Which makes it that
from n = 11 673 722 025 we return
to the product 345278. We can then
decompose the exponents

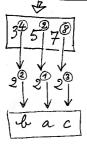


By what miracle for goodness' sake?

Take this number, which equals 11 673 722 025. If you divide it by prime numbers again and again, until it is no longer possible, you obtain a decomposition according to a product of the whole powers of prime numbers. Here 345278. This decomposition is **UNIQUE** 

By taking the power of the first prime number of the series, 3<sup>4</sup>, and in considering this exponent as a power of 2, we find the rank of the first character of the word, that is 2, which corresponds to the letter b

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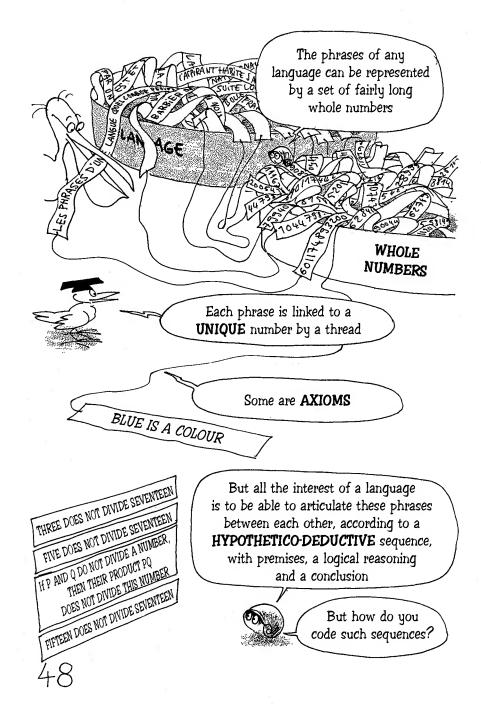


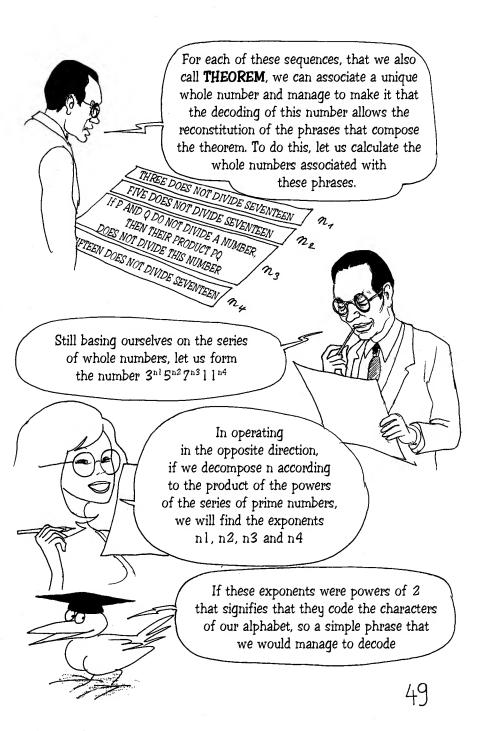


By this method of coding, the number 11 673 722 025 represents the word bae and only that

THREE DOES

By coding the "space"
between the words, or punctuation, we can
associate a number with a series of words,
with a whole phrase







If the exponents n1, n2, n3 and n4 are not powers of 2 then they are phrase-elements of a hypothetico-deductive sequence, of a theorem. In continuing this decomposition a second time we reconstruct the phrases.

So everything can fit into a LANGUAGE-OBJECT which is composed entirely of whole numbers. Everything, the axioms, the rules, the reasonings and the propositions

Everything can be brought down to a GAME OF NUMBERS



So to a perfectly diabolic ARITHMETIC...!

There's something I don't fully understand. If we use whole numbers to code all signs, characters, phrases and theorems, what place is left for the whole numbers themselves?

Inversely, how, at the same time, can we fit into the same numeric set whole numbers, axioms and the ARITHMETICAL theorems that refer to them? Do the numbers take all the available space?

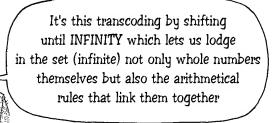


Careful! Numbers themselves are coded with the help of this prime number qadqet. In arithmetic we could quite easily code characters as powers of 2.

$$\forall \Leftrightarrow 2^{1} = 2$$
  
 $\exists \Leftrightarrow 2^{2} = 4$  Logical operators

$$2 \rightleftharpoons 26 = 64$$
 Figures





000

And in **INFINITY**, that's certain, there is no shortage of room

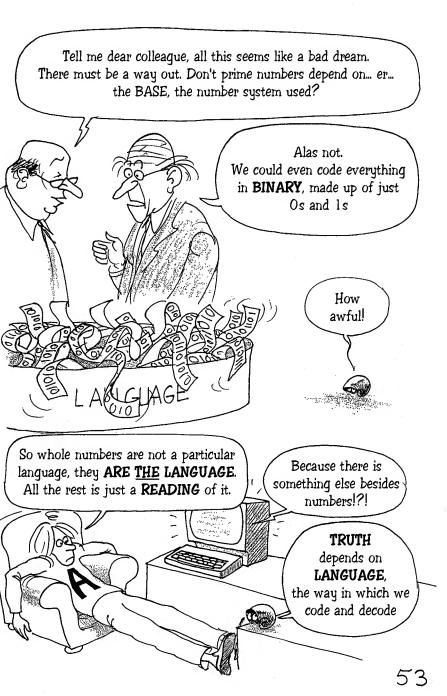
For a language to be CONSISTENT, for it to form a COMPLETE THEORY, the objects of a language need to be made up of AXIOMS, considered as LANGUAGE DATA, either RULES (syntactic), or SOFTWARE elements, or PROPOSITIONS resulting in HYPOTHETICO-DEDUCTIVE cascades

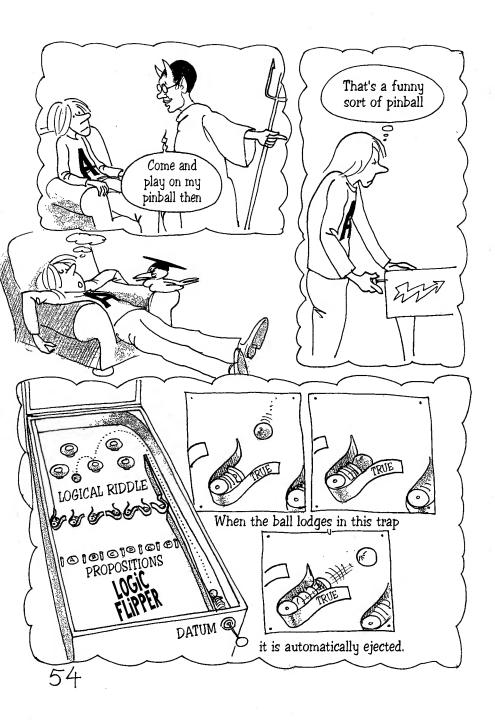
And this wish applies to ALL LANGUAGES, including the MATHEMATICAL LANGUAGE

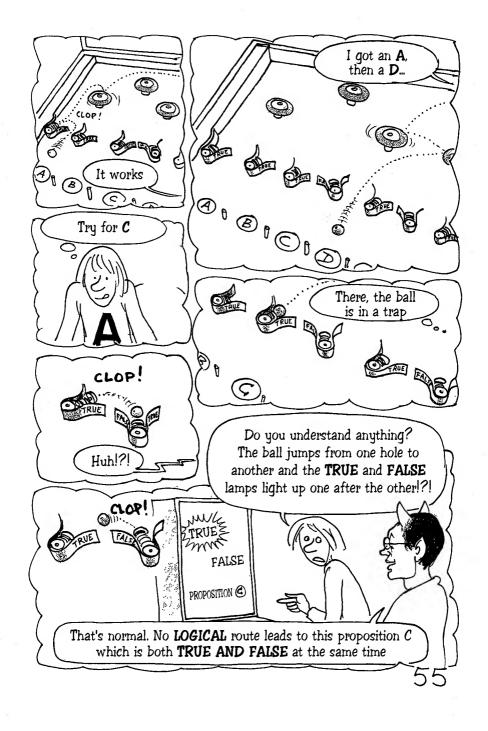
But UNDECIDABLE PROPOSITIONS exist, ones that we can NEITHER DEMONSTRATE NOR INVALIDATE

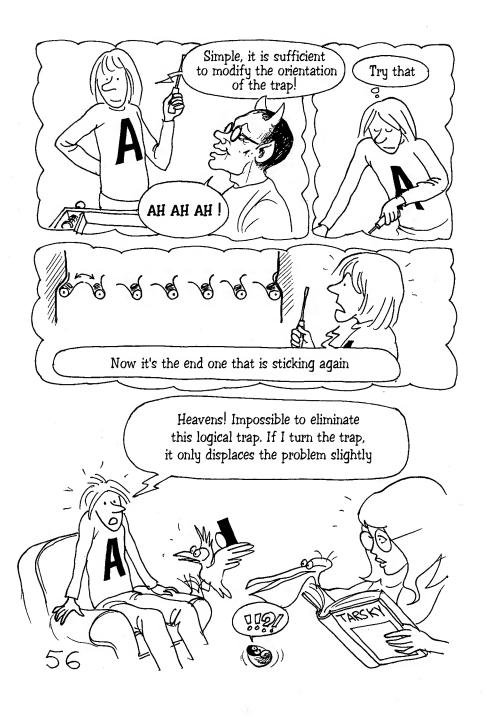
Which are neither axioms, nor rules, but which we cannot hook on to any hypothetico-deductive sequence.

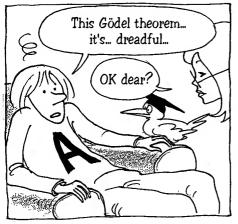




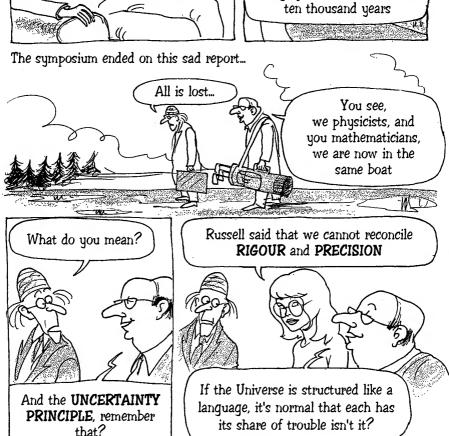














Transcendental meditation allows one to be free of these constraints

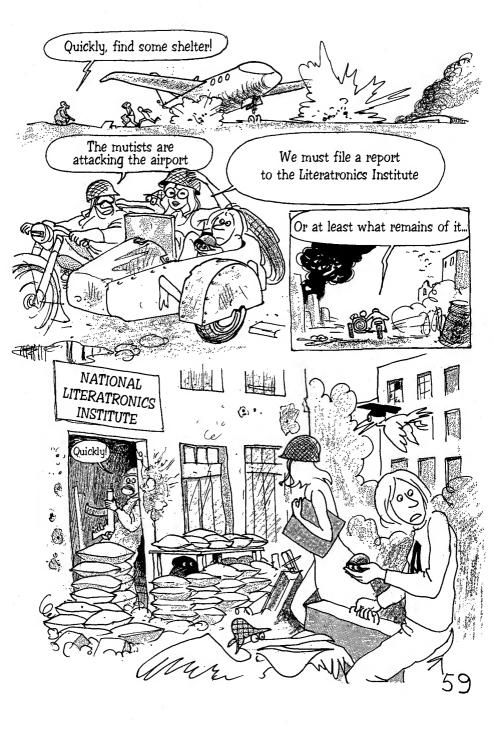


Verbalised thoughts have their roots in the left hemisphere of the brain. By completely stopping this subordinate mental activity, we redistribute the oxygen flowing to the brain. This then goes to the right hand side, which functions in a different way, allowing man to accede to essential knowledge

That's not silly, what does it give?

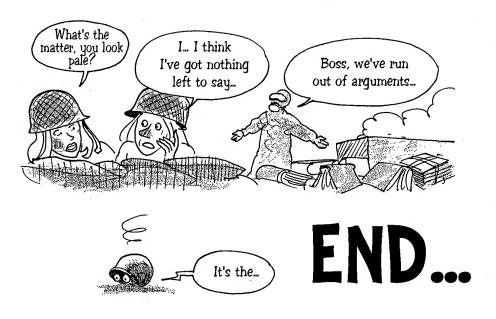
Unfortunately that is not COMMUNICABLE







(\*) in which one can combine verbal roots to infinity.



A big thankyou to my friend MIHN for his irreplaceable contribution of magic dust, a key ingredient in the LANTURLU albums.

## THE LOGOTRON GAME

Take two pieces of thin card of different colours. Cut them into small rectangles of 5 x 2cm. On the blue (for example) rectangles, write on one side the "beginning of a word", such as CHRONO and on the other its substantive: TIME. On the rectangles of the other colour do the same with an "end of a word". Put the two packets of cards into two boxes.

• First type of game: distribute five word beginnings and five word endings to each player. They must be assembled according to the neologisms for which they form

definitions.

Example: LOGO TOME | → To make chopped phrases

CRYO TOPE | → Refrigerator

PAN SCAPE → Vehicle that goes anywhere

According to their knowledge of etymology, the players can either read or not the other side of the cards.

• Second formula of the game: As in poker, the players can exchange cards. A word that already exists in the dictionary counts double. The same if it is a real object.

Example: BIBLIO | STAT | → book press

A funny definition gains an extra point

PANMANIA: mania about everything CHRYSORCHID: property developer

STATODYNAMIC: study of stationary states PSEUDOGAMIST: someone not really married

PODOCLAST: foorbreaker

PANLOGY: study of everything

COSMOTOPE: place where the Universe is

ELASTOZOAIRE: sluq

SCHIZOCRAT: someone who splits everything.

### DATABASE

#### WORD BEGINNINGS:

KLEPTO CHRONO **EPISTEMO** LOGO PAN PATHO HEMI CRYPTO STATO ELASTO ORTHO **PSEUDO** GASTRO EROTICO ORCHIDO PARALLELO SEMIO **ERGO** GERONTO COPRO MYCO IDEO MAGNETO PHOTO THEO NECRO MESO PODO PORNO PROTO SCATO DOXO PLUTO PHONO INFLATO **PYRO** GEO NUCLEO PARA GRAPHO ODO PHALLO **RADIO** RETRO PSYCHO LITHO MACRO **CHRYSO** PHILO MICRO TECHNO BIO SPELEO TOMO

STEAL TIME SCIENCE DISCOURSE **EVERYTHING** ILLNESS HALF HIDDEN STEADY STATE ELASTIC STRAIGHT FALSE STOMACH EROTICISM TESTICLE PARALLEL SENSE WORK OLD EXCREMENT MUSHROOM IDEAS MAGNETIC LIGHT GOD DEAD MIDDLE FOOT PORNO FIRST EXCREMENT OPINION RICHNESS SOUND SWELLING FIRE LAND NUCLEUS PARALLEL OF WRITING PATH PHALLUS RADIO 1 BACKWARDS SOUL STONE GREAT GOLD LOVE SMALL TECHNICAL LIFE CAVERN CUT

TOPO ARCHEO VIDEO **AERO** HOMO PRO ALGO CO EXTRA CEPHALO CRYO TERATO PAPYRO PHYTO PHRENO LATERO MORPHO GNOSEO SONO TELE ULTRA BRADY CHIMIO GALACIO **GYRO** SIDERO **CHROMO** ALLO ANTHROPO ADENO ANISO **AGRO** ARTHRO **ASTRO** ISO STEREO **ENDO** GENO LOXO PERI PLURI STYLO XYLO AUTO BACTERIO BIBLIO BRONCHO BUTYRO CACO CERCO CHROMATO APO CARDIO EPI

PLACE ANCIENT SEE AIR THE SAME FOR PAIN WITH OUTSIDE OF HEAD COLD MONSTER PAPER VEGETABLE BRAIN TO THE SIDE SHAPE KNOWLEDGE SOUND DISTANT BEYOND SLOW OF CHEMISTRY MILK ROTATION SKY COLOUR OTHER MAN GLAND OTHER FIELD CIRCULATION SKY SAME SOLID INSIDE OF RACE OBLIQUE AROUND NUMEROUS STEM WOOD OF ONESELF BACTERIA BOOK BRONCHUS BUTTER BAD TAIL COLOUR ABOVE OF THE HEART AROUND

GLOSSO LANGUAGE HIPPO HORSE MELANO BLACK LAW NOMO PETRO STONE **EMBRYO EMBRYO** CINEMA CINEMATO CRYO OF COLD OF THE SKIN DERMO OF THE SUN HELIO HEMATO OF BLOOD HETERO OTHER HOMEO SIMILAR HYDRO WATER METEO OF THE SKY METRO MEASURE XENO STRANGER NEO NEW NEURO OF NERVES PALEO ANCIENT SCHIZO SPLIT PHYSIO OF THE BODY HEAT THERMO 200 ANIMAL TACHY SPEED

#### ENDS OF WORDS:

KLEPTO	STEAL
CHRONO	TIME
EPISTEMO	SCIENCE
LOGO	DISCOURSE
PAN	EVERYTHING
PATHO	ILLNESS
HEMI	HALF
CRYPTO	HIDDEN
STATO	STEADY STATE
ELASTO	ELASTIC
	STRAIGHT
ORTHO PSEUDO	FALSE
GASTRO	STOMACH
EROTICO	EROTICISME
ORCHIDO	TESTICLE
PARALLELO	PARALLEL
SEMIO	SENSE
ERGO	WORK
GERONTO	OLD
COPRO	EXCREMENT
MYCO	MUSHROOM
IDEO	IDEAS
MAGNETO	MAGNETIC
PHOTO	LIGHT
THEO	GOD
NECRO	DEAD
MESO	
PODO	FOOT
PORNO	PORNO
PROTO	FIRST
SCATO	EXCREMENT
DOXO	OPINION
PLUTO	RICHNESS
PHONO	SOUND
INFLATO	SWELLING
PYRO	FIRE
GEO	
	EARTH
NUCLEO	NUCLEUS
PARA	PARALLEL
GRAPHO	OF WRITING
ODO	PATH
PHALLO	PHALLUS
RADIO	RADIO
RETRO	BEHIND
PSYCHO	SOUL
LITHO	STONE
MACRO	GREAT
CHRYSO	GOLD
PHILO	LOVE
MICRO	SMALL
TECHO	TECHNICAL
BIO	LIFE
SPELEO	CAVERN
TOMO	CUT
TOPO	PLACE
ARCHEO	ANCIENT
VIDEO	SEE

AERO AIR НОМО PRO FOR ALGO CO **EXTRA** CEPHALO CRYO **TERATO PAPYRO** PHYTO PHRENO LATERO MORPHO **GNOSEO** SONO TELE ULTRA **BRADY** CHIMIO GALACTO **GYRO** SIDERO SKY CHROMO ALLO ANTHROPO ADENO ANISO AGRO FIELD

SAME PAIN WITH OUTSIDE OF **HEAD** COLD MONSTER PAPER VEGETABLE BRAIN BESIDE OF THE SHAPE OF KNOWLEDGE SOUND DISTANT BEYOND SLOW OF CHEMISTRY MILK ROTATION COLOUR OTHER MAN GLAND OTHER

- 1 REM LOGOTRON DATA+SENS
- 10 DIM D\$(100),P\$(100),F\$(100),Q\$(100),M\$(100),S\$(100);I=-1
- 20 I=I+1 30 READ D\*(I).P\*(I)
- 40 IF D\$(I
- 40 IF D\$(I)="\*" THEN 60
- 60 D=I-1
- 70 J=-1
- /O J=-1 BO J=J+1
- 90 READ F\*(J),Q\*(J)
- 100 IF F\$(J)="\*" THEN 120
- 110 GOTO 80
- 120 F=J-1
- 130 REM RANDOM CREATION OF INDEXES I J
- 140 I=INT(RND\*D)+1: J=INT(RND\*F)+;
- 150 M\*=D\*(I)+F\*(J):REM NEDLOGISM
- 160 S\$=Q\$(J)+"-"+P\$(I)
- 170 PRINT MS:PRINT SS:PRINT 180 FOR T=0 TO 1000:NEXT T
- 190 6010 140
- 200 DATA KLEPTO, STEAL, CHRONO, TIME, EPISTEMO, SCIENCE, LOGO, DISCOURSE, PAN, EVERYTHING, PATHO, ILLNESS, HEMI, HALF, CRYPTO, HIDDEN
- 210 DATA EROTICO, EROTICISM, GNOSEO, KNOWLEDGE, ORCHIDO, TESTICLE, PARALLELO, PARALLEL, SEMIO, SENSE, ERGO, WORK, GERONTO, OLD, COPRO, EXCREMENT, MYCO, MUSIROOM
- 220 DATA NECRO, DEAD, MESO, MIDDLE, PODO, FOOT, PORNO, PORNO, PROTO, FIRST, SCATO, EXCREMENT, DOXO, OPINION, PLUTO, RICHNESS, PHONO, SOUND, INFLATO, SWELLING, PYRO, FIRE
- 230 DATA RETRO, BEHIND, PSYCHO, SOUL, LITHO, STONE, MACRO, GREAT, CHRYSO, GOLD, PHILO, LOVE, MICRO, SMALL, TECHO, TECHNICAL, BIO, LIFE, SPELBO, CAVERN, TOMO, CUT, TOPO, PLACE, ARCHEO, ANCIENT, VIDBO, SEE
- 240 DATA CEPHALO, HEAD, CRYO, COLD, TERATO, MONSTER, PAPYRO, PAPER, PHYTO, VEGETABLE, PHRENO, BRAIN, LATERO, BESIDE, MORPHO, OF THE SHAPE OF
- 250 DATA SIDERO, SKY, CHROMO, COLOUR, ALLO, OTHER, ANTHROPO, MAN, ADENO, GLAND, ANISO, OTHER, AGRO, FIELD, ARTHRO, CIRCULATION, ASTRO, SKY
- 260 DATA AUTO, OF ONESELF, BACTERIO, BACTERIA, BIBLIO, BOOK, BRONCHO, BRONCHUS, BUTYRO, BUTTER, CACO, BAD, CERCO, TAIL, CHROMATO, COLOUR
- 270 DATA EMBEYO, EMBEYO, CINEMATO, CINEMA, CRYO, OF COLD, DERMO, OF THE SKIN, HELIO, OF THE SUN, HEMATO, OF BLOOD, HETERO, OTHER, HOMBO, SIMILAR, HYDRO, WATER, METEO, OF THE SKY, METRO, MEASURE
- 280 DATA NEO, NEW, NEURO, OF NERVES, PALEO, ANCIENT, SCHIZO, SPLIT, PHYSIO, OF THE BODY, THERMO, HEAT, ZOO, ANIMAL, \*,\*
- 300 DATA GAME, MARRIAGE, SE, AFFECTION, EDRE, EDIFICE, DYNE, ENERGY, CERCAL, TAIL, DROME, ROUTE, PHOBIC, WHO DETESTS, PATH, SICK
- 310 DATA SCAPE, VEHICLE, TOPE, PLACE, TRON, MACHINE, ME, TUMOUR, METER, MEASURE, NAUT, SAILOR, DRAMA, THEATRE, COSMO, UNIVERSE OF, SOME, BODY
- 320 DATA SPHERR, SPHERR, STASIS, STOP, CRAT, POWER, TAPH, TOMB, TROPE, TENDANCY, MANE, MANIA, GENE, GENERATOR, ELASTIC, ELASTIC
- 330 DATA KIME, MOVEMENT, CYTE, CELL, PHRENE, BRAIN, CEPHAL, HEAD, PITH, APE, PTERO. WING
- 340 DATA MANCIE, PREDICTION, TROPISM, TENDANCY TOWARDS, SAURUS, ANCESTOR, ZOAIRE, ANIMAL, LITH, STONE, CLAST, BREAKER OF, MACHY, COMBAT, DYNE, MACHINE
- 350 DATA DENDRON, TREE, LOGY, DISCOURS ON, ALGIA, LOGIST, SPECIALIST OF 360 DATA ALGIA, PAIN, CHRONO, OF TIME, CHRONIC, REPETITION OF, DACTYL, FINGER, DOX, OPINION
- 370 DATA GON, ANGLE, MORPH, THE SHAPE OF, PHAGE, THAT EATS, VORE, THAT DEVOURS, PHOBIA, FEAR OF
- 380 DATA PHILE, WHO LOVES, PHONO, SOUND, POLE, TOWN, THERM, HEAT, \*,\*



THE LOGOTRON

(PROGRAMME)